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(54) Title: CANNABINOID RECEPTOR MODULATORS, THEIR PROCESSES OF PREPARATION, AND USE OF CANNABINOID RECEPTOR MODULATORS FOR TREATING RESPIRATORY AND NON-RESPIRATORY DISEASES



$$(R_4)_{\overline{R}} \xrightarrow{B} \stackrel{O}{\underset{|R_3|_{r}}{|R_5|_{r}}} NR_1R_2 \qquad (|)$$

(57) Abstract: Use of a compound for treating a respiratory disease in a mammal wherein the compound is a cannabinoid receptor modulator is disclosed. Compounds useful as cannabinoid receptor modulators for treating respiratory and non-respiratory leukocyte-activation associated diseases comprise compounds of formula (I), in which A and B are nitrogen or carbon, provided only one of A and B is nitrogen; and R<sub>1</sub>-R<sub>6</sub> are as defined in the specification, wherein R<sub>2</sub> with R<sub>5</sub> may form a ring, and/or two R<sub>4</sub> groups may form a six-membered aryl or heteroaryl ring, optionally having a substituent R<sub>6</sub> forming a ring with R<sub>3</sub>.

# CANNABINOID RECEPTOR MODULATORS, THEIR PROCESSES OF PREPARATION, AND USE OF CANNABINOID RECEPTOR MODULATORS FOR TREATING RESPIRATORY AND NON-RESPIRATORY DISEASES

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#### Abstract

Use of a compound for treating a respiratory disease in a mammal wherein the compound is a cannabinoid receptor modulator is disclosed. Compounds useful as cannabinoid receptor modulators for treating respiratory and non-respiratory leukocyte-activation associated diseases comprise compounds of formula (I), in which A and B are nitrogen or carbon, provided only one of A and B is nitrogen; and R1-R6 are as defined in the specification, wherein R2 with R5 may form a ring, and/or two R4 groups may form a six-membered aryl or heteroaryl ring, optionally having a substituent R6 forming a ring with R3.

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